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TI - Electromagnetic grinding of materials
AU - Kuznetsov, Yu. N.; Abrosimov, V. A.; Lyapunov, V. N.; Kitaev, A. L.;
 Sidenko, P. M.; Khodakov, G. S.
CS - Moscow, USSR
SO - Elektronnaya Obrabotka Materialov (1976), (3), 39-41
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AB - The possibility of grinding materials into fine powders in a varying
 magnetic field (e.g., pulsating) was studied exptl. The app.
 consisted of a solenoid induction coil and a working chamber made of
 nonferromagnetic material. The chamber was filled 70-80% with the
 grinding objects (permanent magnets) of spherical shape. The
 material to be powd. (Al₂O₃) was fed to the chamber either
 continuously or periodically. For comparison purposes Al₂O₃ was
 powd. to the same degree as in the above case in ball and jet mills.
 In these cases the power consumption was 10-20 times higher than
 that for the electromagnetic grinding app.